

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/632,414  
Source: IFW0  
Date Processed by STIC: 12-20-04

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 12/20/2004

PATENT APPLICATION: US/10/632,414

TIME: 12:27:58

Input Set : A:\DEAV20020053 US NP Sequence Listing.txt

Output Set: N:\CRF4\12202004\J632414.raw

```

3 <110> APPLICANT: Aventis Pharma Deutschland GmbH
4   THUROW, Horst
5   BLUMENSTOCK, Hans
6   HAVENITH, Chantalle
7   ERTL, Johann
9 <120> TITLE OF INVENTION: A METHOD FOR PURIFYING PREPROINSULIN
11 <130> FILE REFERENCE: DEAV2002/0053 US NP
13 <140> CURRENT APPLICATION NUMBER: 10/632,414
14 <141> CURRENT FILING DATE: 2003-08-01
16 <150> PRIOR APPLICATION NUMBER: 60/433,726
17 <151> PRIOR FILING DATE: 2002-12-16
19 <150> PRIOR APPLICATION NUMBER: DE10235168.6
20 <151> PRIOR FILING DATE: 2002-08-01
22 <160> NUMBER OF SEQ ID NOS: 4
24 <170> SOFTWARE: PatentIn Ver. 2.1
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 29
28 <212> TYPE: PRT
29 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: Description of Artificial Sequence:C-Peptid
34 <400> SEQUENCE: 1
35 Arg Asp Val Pro Gln Val Glu Leu Gly Gly Gly Pro Gly Ala Gly Ser
36   1           5           10           15
38 Leu Gln Pro Leu Ala Leu Glu Gly Ser Leu Gln Lys Arg
39           20           25
43 <210> SEQ ID NO: 2
44 <211> LENGTH: 96
45 <212> TYPE: PRT
46 <213> ORGANISM: Artificial Sequence
48 <220> FEATURE:
49 <223> OTHER INFORMATION: Description of Artificial Sequence:Preproinsulin I
51 <400> SEQUENCE: 2
52 Ala Thr Thr Ser Thr Gly Asn Ser Ala Arg Phe Val Asn Gln His Leu
53   1           5           10           15
55 Cys Gly Ser His Leu Val Glu Ala Leu Tyr Leu Val Cys Gly Glu Arg
56           20           25           30
58 Gly Phe Phe Tyr Thr Pro Lys Thr Arg Arg Glu Ala Glu Asp Pro Gln
59           35           40           45
61 Val Gly Gln Val Glu Leu Gly Gly Gly Pro Gly Ala Gly Ser Leu Gln
62           50           55           60
64 Pro Leu Ala Leu Glu Gly Ser Leu Gln Lys Arg Gly Ile Val Glu Gln
65   65           70           75           80

```

## RAW SEQUENCE LISTING

DATE: 12/20/2004

PATENT APPLICATION: US/10/632,414

TIME: 12:27:58

Input Set : A:\DEAV20020053 US NP Sequence Listing.txt

Output Set: N:\CRF4\12202004\J632414.raw

```

67 Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu Glu Asn Tyr Cys Asn
68      85      90      95
75 <210> SEQ ID NO: 3
76 <211> LENGTH: 96
77 <212> TYPE: PRT
78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Description of Artificial Sequence:Preproinsulin
82      II
84 <400> SEQUENCE: 3
85 Ala Thr Thr Ser Thr Gly Asn Ser Ala Arg Phe Val Asn Gln His Leu
86 1      5      10      15
88 Cys Gly Ser His Leu Val Glu Ala Leu Tyr Leu Val Cys Gly Glu Arg
89      20      25      30
91 Gly Phe Phe Tyr Thr Pro Lys Thr Arg Arg Glu Ala Glu Asp Pro Gln
92      35      40      45
94 Val Gly Gln Val Glu Leu Gly Gly Gly Pro Gly Ala Gly Ser Leu Gln
95      50      55      60
97 Pro Leu Ala Leu Glu Gly Ser Leu Gln Lys Arg Gly Ile Val Glu Gln
98 65      70      75      80
100 Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu Glu Asn Tyr Cys Gly
101      85      90      95
108 <210> SEQ ID NO: 4
109 <211> LENGTH: 90
110 <212> TYPE: PRT
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Description of Artificial Sequence:Preproinsulin
115      III
117 <400> SEQUENCE: 4
118 Ala Thr Thr Ser Thr Gly Asn Ser Ala Arg Phe Val Lys Gln His Leu
119 1      5      10      15
121 Cys Gly Ser His Leu Val Glu Ala Leu Tyr Leu Val Cys Gly Glu Arg
122      20      25      30
124 Gly Phe Phe Tyr Thr Pro Glu Thr Arg Asp Val Pro Gln Val Glu Leu
125      35      40      45
127 Gly Gly Gly Pro Gly Ala Gly Ser Leu Gln Pro Leu Ala Leu Glu Gly
128      50      55      60
130 Ser Leu Gln Lys Arg Gly Ile Val Glu Gln Cys Cys Thr Ser Ile Cys
131 65      70      75      80
133 Ser Leu Tyr Gln Leu Glu Asn Tyr Cys Asn
134      85      90

```

VERIFICATION SUMMARY

DATE: 12/20/2004

PATENT APPLICATION: US/10/632,414

TIME: 12:27:59

Input Set : A:\DEAV20020053 US NP Sequence Listing.txt

Output Set: N:\CRF4\12202004\J632414.raw